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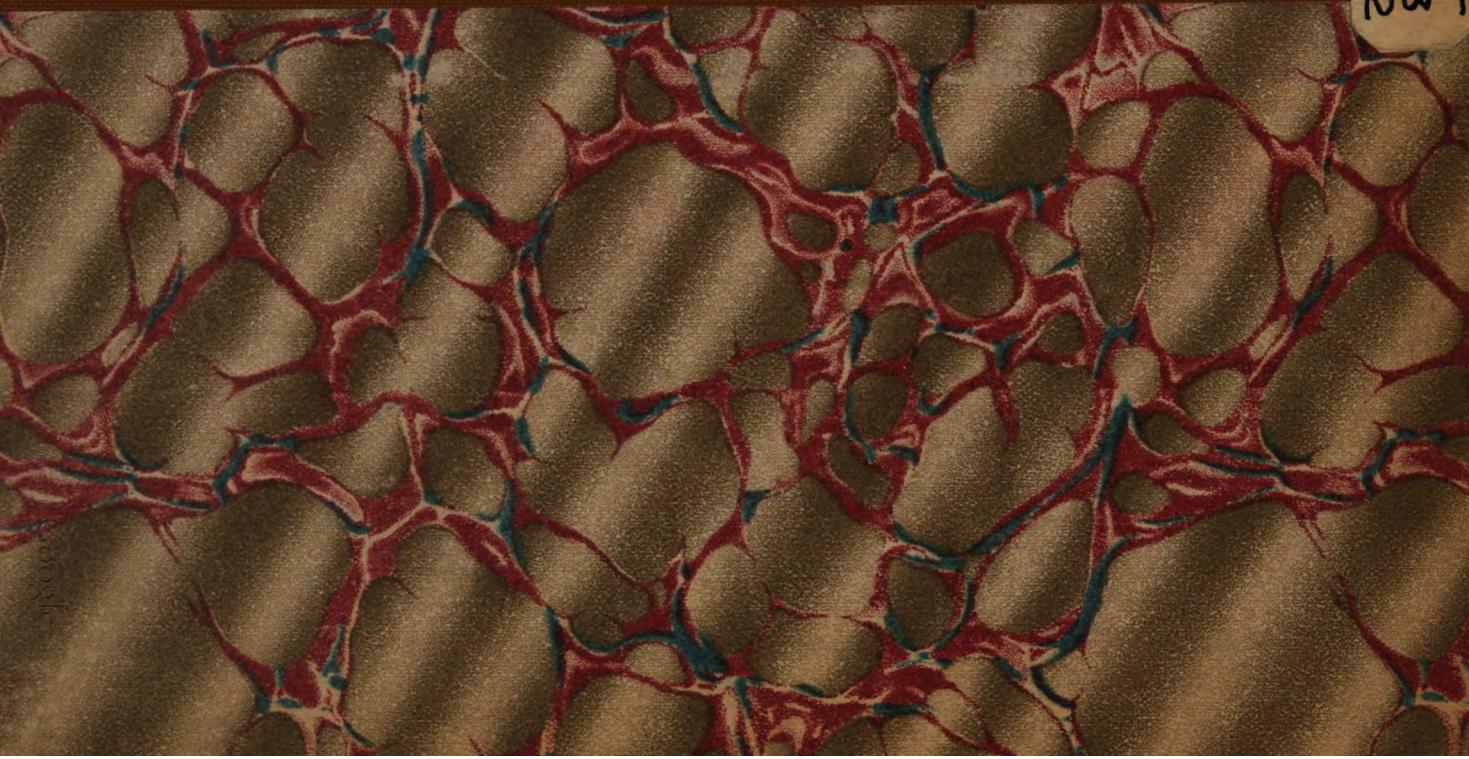

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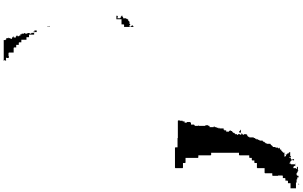

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MANUAL OF INSTRUCTION

FOR THE

VOLUNTEERS AND MILITIA

OF THE

UNITED STATES.

BY

MAJOR WILLIAM GILHAM,

INSTRUCTOR OF TACTICS, AND COMMANDANT OF CADETS OF THE VIRGINIA MILITARY INSTITUTE.

PHILADELPHIA:

CHARLES DESILVER,

1229 CHESTNUT STREET.

CUSHINGS & BAILEY, BALTIMORE, MD.

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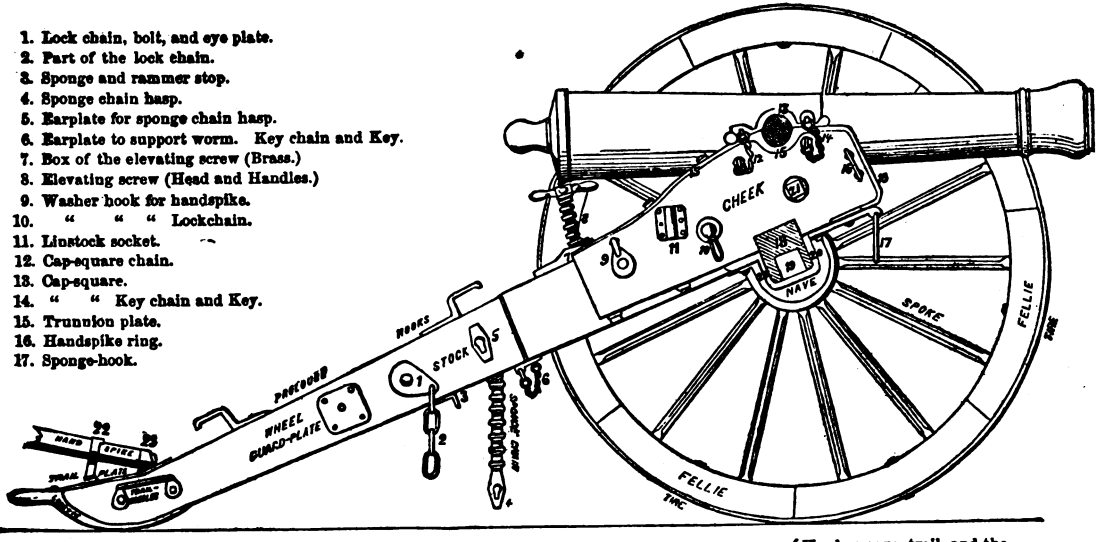
6-pounder.

Fig 14.

1. Lock chain, bolt, and eye plate.
2. Part of the lock chain.
3. Sponge and rammer stop.
4. Sponge chain hasp.
5. Earplate for sponge chain hasp.
6. Earplate to support worm. Key chain and Key.
7. Box of the elevating screw (Brass.)
8. Elevating screw (Head and Handles.)
9. Washer hook for handspike.
10. " " " Lockchain.
11. Linstock socket.
12. Cap-square chain.
13. Cap-square.
14. " " Key chain and Key.
15. Trunnion plate.
16. Handspike ring.
17. Sponge-hook.



18. Axle body (Wood.)
19. Axle tree (Iron.)
20. Under strap.

9. } Are also the extremities of
10. } the assembling bolts.
21. }

22. Large pointing-ring.
23. Small " "

Stock. { Head, groove, trail, and the rounding of the trail.

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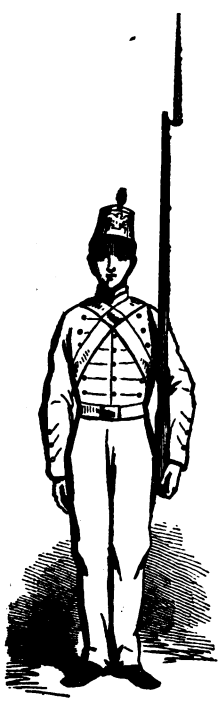
ADJUTANT GENERAL'S OFFICE,
Richmond, Va., December 8, 1859.

COL. F. H. SMITH,
Supt. Virginia Military Institute.

SIR:—The Governor directs me to request that you will detail Maj. William Gilham, of the Virginia Military Institute, to prepare a synoptical work for the instruction of the militia service. He will, in as short a space as possible, plainly describe, in his own way, the duties of officers, field and company, adding matter at his discretion.

By command of Governor Wise.

(Signed,) W. H. RICHARDSON,
Adjutant General.



GENERAL HEAD QUARTERS,
ADJUTANT GENERAL'S OFFICE,
Richmond, Va., Nov. 28, 1860.

In pursuance of the provisions of an act for "the better organization of the militia," passed March 30, 1860, the Governor prescribes

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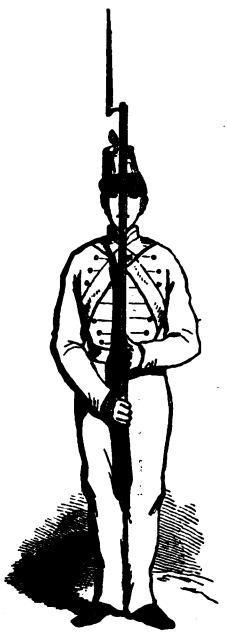
for the use and instruction of the militia, "A Manual of Instruction for Volunteers and Militia, by Major William Gilham, of the Virginia Military Institute,"—the same conforming to the system of description and instruction ordered to be observed by the army of the United States.

By command of Governor Letcher.

WM. H. RICHARDSON,
Adjutant General.



EXECUTIVE DEPARTMENT,
ADJUTANT'S GENERAL'S OFFICE,
Milledgeville, Georgia, Feb. 6th, 1861.

I do not know that I can give you a better evidence of my appreciation of the Manual than by sending you the enclosed copy of the order adopting it for this State. It is the best effort for the instruction of Volunteers and Militia yet published in this country, and there can be no excuse now for Volunteers and Militia not being posted in the requirements of service, and how to fulfill them.

Very respectfully,
Your ob't serv't,

HENRY C. WAYNE,
Adjutant General.

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EXECUTIVE DEPARTMENT,

ADJUTANT GENERAL'S OFFICE,

Milledgeville, Georgia, Feb. 1, 1861.

Gilham's Manual for Volunteers and Militia having been approved by the Commander-in-Chief, he orders that it be issued to the Volunteers and Militia of the State of Georgia for their government, and that it be strictly adhered to.

Nothing contrary to the tenor of this Manual will be enjoined, or permitted, in any part of the forces of the State of Georgia by any commander, be his rank what it may.

HENRY C. WAYNE,

Adjutant General.

STATE OF MISSISSIPPI.

ADJUTANT GENERAL'S OFFICE,

Jackson, February 1*st*, 1861.

SIR:—I am pleased to acknowledge the receipt of a copy of "Gilham's Manual for Volunteers and Militia," which you were so kind as to forward to me in December last.

In returning my thanks for the esteemed favor, I will remark that from the variety of subjects of which it treats, and the manner in

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which they are detailed, I consider it an invaluable work, and one much needed in this State, and have, therefore, recommended it in my official report for the year 1860 to the Volunteer organizations of the State.

I am, sir,
Very respectfully,
W. L. SYKES,
Adjutant General.

New Orleans, Louisiana, Jan. 28th, 1861.

My Dear Sir:—I have carefully examined the volume, and have no hesitation in saying I consider it the very best work of the kind that has yet been published, and in testimony of my appreciation of its value, I have odered it to be adopted as the text-book for my Battalion—the Washington Artillery.

This I have considered due to you for the pains you have taken to give to the Volunteers and Militia a work entirely reliable, tfeating in general and in detail upon every matter connected with the duties of the Soldier.

Thanking you for your attention,
I am, very truly,
Your ob't serv't,
J. B. WALTON,
Major, commd'g Washington Artillery.

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HEAD QUARTERS, FIFTH DIV., P. V.

Gilham's Manual is very *handy*, and supplies all that is desired by the Uniformed Militia. Its explanations are clear and concise; the Glossary useful in explanation of terms used in the Service, often misapplied from inability to define them. The various arms of the service, Light Artillery, Cavalry, Artillery, and Infantry, are treated upon fairly and understandingly. The duties of Officers, the detail of Camps, Arms and Ammunition, honors paid by the Troops, the School of the Company and Battalion, Courts Martial, &c., embrace all the subject useful and necessary to the Volunteer.

The unique form in which all the multifarious subjects are presented is an additional recommendation, both on the score of economy and convenience.

While congratulating you as the medium to present this valuable addition to the Military Library, and Major Gilham's successful labors, I take great pleasure to recommend *its adoption* by the State *Military Department* and the Volunteers.

Yours, very truly,

W. H. KEIM,
Major Gen'l, 5th Div., P. V.

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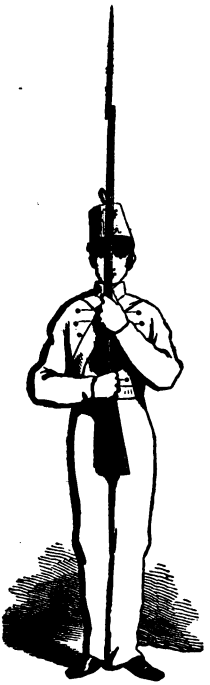

DEAR SIR:—I have examined the whole work and consider it a work of the highest utility, and admirably executed.

A work on Military Discipline, adapted to the Volunteer System, has long been wanted, and I am free to say that "Major Gilham's Manual" supplied the void. I think it the most complete book of instruction I have ever seen, and it should be in the hands of every volunteer officer.

I congratulate you on the publication of a work of so much labor, industry, and judgment.

Yours, &c.,

E. C. WILLIAMS,
Brig. Gen'l, 3d Brigade, 5th Div., Pa. Volunteers.

To CHAS. DESILVER, Esq.

HEAD QUARTERS,

FIRST BRIGADE, EIGHTEENTH DIVISION,
MILITARY DEPARTMENT,
Allegheny County, Pa., Pittsburgh, Jan. 31st, 1861.

CHARLES DESILVER, Esq.,
1229 Chestnut street, Philadelphia.

DEAR SIR:—I have examined Major William Gilham's "Manual of Instruction for the Volunteers and Militia" with interest and satisfaction. This work supplies a deficiency long felt in our service.

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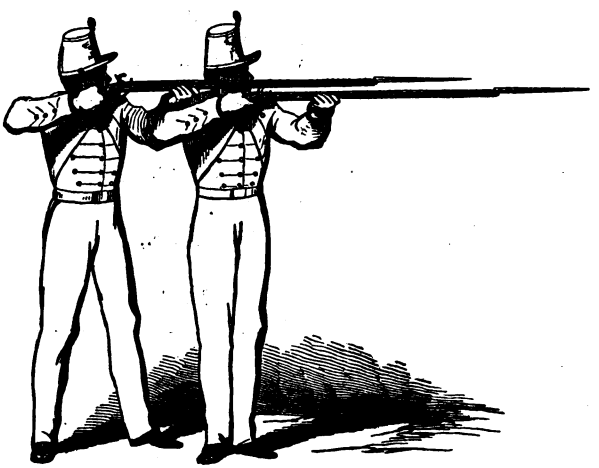
Our present system was established when the condition of military affairs was quite different, and before military art and science had contributed so largely toward the efficiency of the American army. We need a system based on the progressive experience of the past and suited to the exigencies of the present. This Manual supplies this deficiency. It embraces the tactical instruction used in each School of the Soldier; a simple, but accurate detail of Camp and Garrison duty; a general description of Arms, Ammunition, Battles, and Courts Martial. Also, a Glossary of Military Terms, and a copy of the "Articles of War." The language used is expressive of professional energy and practical experience, which entitles the contents to the consideration of those interested in military affairs, especially officers in the Militia, who lack the opportunity of becoming familiar with practical military knowledge.

Yours, truly,

JAS. S. NEGLEY,
Commanding 1st Brigade, 18th Division, P. V.



Having examined Major William Gilham's "Manual of Instruction for the Volunteers and Militia," I heartily recommend it for the use of the military in Pennsylvania, as a work of the kind has been long needed to assist the officers to acquire a knowledge of their duties.

J. M. K. SNODGRASS,
Major General.

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Pittsburgh, February 1st, 1861.

Having examined Major Gilham's "Manual of Instruction for Volunteers and Militia," I cheerfully recommend it as a work long needed by the military of our State.

HIRAM HULTZ,
Commanding 1st Reg't Allegheny County Volunteers.

PITTSBURGH,

Allegheny Co., Pa.

We, the undersigned, having examined Maj. Gilham's "Manual of Instruction for Volunteers and Militia," do most heartily recommend it as the best work on military art and science yet published. It is a work long needed, and is indispensable to every man who takes an interest in military affairs.

F. HARDTMAYER,
Lieut. Col. 1st Reg't Allegheny Co. Volunteers.
ALEX. HAYS,
Brigade Inspector of 1st Brigade, 18th Div. Volunteers.
DAVID CAMPBELL,
Captain Duquesne Grays.
THOS. A. ROWLEY,
Captain Washington Infantry.
S. A. McKEE,
Captain Jackson Ind't Blues.
LEOPOLD SAHL,
Captain 1st Brigade.
Capt. EDW. DE REU.
D. B. MORRIS,
1st Lieut. of the Washington Infantry.
WM. BENNETT,
2d Lieut. Duquesne Grays.
JAMES SHALFONT,
Adjutant 1st Reg't Allegheny Volunteers.

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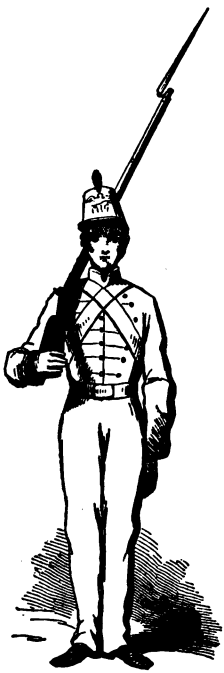
Scranton, Pa., Feb. 15th, 1861.

The Manual of Instruction for Volunteers and Militia of the United States, by Major William Gilham, is a very valuable work, and should be in the hands of all the officers of the Militia.

A. N. MEYLERT,
Brig Gen'l, 2d Brigade, 9th Div., P. V.



Philadelphia, January 17th, 1861.

DEAR SIR:—I have had much satisfaction in the examination of Major William Gilham's "Manual for Volunteers and Militia," and, so far as my ability to judge goes, have found it eminently adapted to the purpose for which it was compiled.

Besides the system of tactics, concisely and clearly laid down for all arms, it contains a vast amount of valuable information, important

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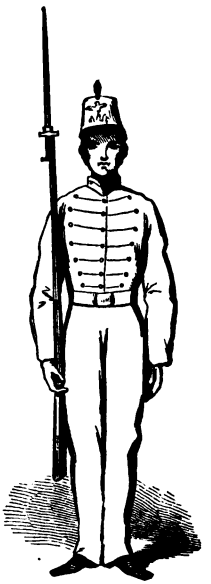
to the soldier, (whether professional or amateur,) which is to be found elsewhere only in many separate works.

The vocabulary of military terms contained therein is a very important addition to the work, and will be found of great value to all those who interest themselves in military matters.

Respectfully yours,

THOS. P. PARRY,
Capt. Washington Grays.



Philadelphia, February 6th, 1861.

DEAR SIR:—I have examined the Manual of Instruction for the Volunteers and Militia of the United States, by Major William Gilham, and take great pleasure in recommending it to the volunteers as a work that will be found to be of immense value to both officers and men.

Very respectfully yours,

DAVID F. FOLEY,
Capt. Philadelphia Grays,
1st Reg. Artillery, 1st Brigade, 1st Div. P. V.

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DEAR SIR:—Permit me to thank you for a copy of Gilham's Manual of Instruction for the Volunteers and Militia. I consider the compilation of the work as unexceptionable; the manœuvers of each corps of the service being correctly and clearly explained. The Glossary which is prefixed is invaluable, and all who desire a perfect military knowledge should avail themselves of the opportunity here offered, and procure a copy.

Yours respectfully,

DAVID P. WEAVER,

Brigade Inspector.

1st Brigade, 1st Division, P. V.

Major FIRTH says:

Having carefully examined a work published by Mr. Charles Desilver, 1229 Chestnut street, Philadelphia, entitled "Manual of Instruction for Volunteers and Militia of the United States," by Major William Gilham, I take great pleasure in recommending it to the attention of the Volunteers and Militia of this City and State.

THOS. T. FIRTH,
Formerly Brigade Inspector, 1st Brig., 1st Div., P. M.

The Manual of Instruction for Volunteers and Militia, by William Gilham, has our hearty approval, and we think it really necessary for the improvement of our forces in military knowledge.

F. E. PATTERSON,
Colonel, 1st Artillery,
1st Brigade, 1st Div., P. V.
W. D. LEWIS, JR.,
Colonel, 1st Infantry, P. V.
THOS. C. JAMES,
Capt. 1st Troop Philadelphia City Cavalry.
W. A. LEACH,
Major 1st Reg't Art'y.
T. G. MOREHEAD,
Colonel Infantry, 1st Reg't Light Guards.
PHILIP BECKER,
Captain Black Hussars.
ALEX. MURPHY,
1st. Lieut. Company A., 1st Art'y.
WM. BARR,
Captain 3d Artillery.
WM. J. J. BRACELAND,
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E. C. WILLIAMS,
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